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PROJECT : Brisbane Valley Grade Separation	JOB NO : QB10200.4	PAGE : 1 OF 2
POSITION : E: 470079, N: 6949722 (56 MGA94)	SURFACE ELEVATION : 68.6 (AHD)	LOCATION : Brisbane Valley Hwy
RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 9/5/11 to 9/5/11	LOGGED BY : LN	CHECKED BY : VP
		STANDARD : AS1736

DRILLING & WATER DETAIL	LAB DATA				SAMPLES & FIELD DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	C.C.	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE	CONSISTENCY/DENSITY	DCP (blows/100mm)	COMMENTS Field Test Data & Other Observations
	Moisture Content	Dry Density	% Fines	Aterberg Limits										
									SC	SAND - clayey SAND, dark brown, fine to medium sand, medium plasticity clay fines, moist, loose.	M	L		0.00: Natural
						68.1	0.5							
					U-5 B-DS 4	0.60m								
						0.80m					M	St		
						1.00m								
						67.6	1.0							
									CH					
						1.40m								
						67.1	1.5		CH	CLAY - sandy silty CLAY, high plasticity, light brown, fine to coarse sand, moist, very stiff.	M	VSt		1.40: PP @ 1.4 = 220
					D-DS 1	1.60m								
										CLAY - sandy CLAY, high plasticity, orange brown mottled grey, fine to coarse sand, moist, very stiff.				
						2.00m					M	VSt		1.60: PP @ 1.8 = 290
						66.6	2.0		CH					
						2.30m								
					D-DS 2	2.30m								
						66.1	2.5				M	D		
									SANDSTONE	SANDSTONE - extremely low strength and extremely weathered, yellow grey, moist. (Recovered as a silty sand, fine to coarse sand, some low plasticity fines, dense).				
						65.6	3.0							
									SANDSTONE	SANDSTONE - very low strength and extremely weathered, orange brown grey, moist. (Recovered as a silty sand, fine to coarse sand, some low plasticity fines, dense).	M	D		
						3.20m								
										SANDSTONE - very low strength and extremely weathered, orange brown grey, moist. (Recovered as a silty sand, fine to coarse sand, some low plasticity fines, dense).	M	D		

DRILLING				SAMPLES & FIELD TESTS				DCP- N (Blows/100mm)		CONSISTENCY (Su) {N-value}			
HA	Hand Auger	HQ	HQ Coring	D	Small Disturbed Sample	SPT	SPT Sample	VS	Very Soft	0 - 1	VS	Very Soft	< 12 kPa {0-2}
AS	Auger	NQ	NQ Coring	ES	Env Soil Sample	U	Undisturbed Tube Sample	S	Soft	1 - 2	S	Soft	12 - 25 {2-4}
WB	Washbore	PQ	PQ Coring	EW	Env Water Sample	W	Water Sample	F	Firm	2 - 3	F	Firm	25 - 50 {4-8}
RR	Rock Rolling	NMLC	NMLC Coring	B	Bulk Disturbed Sample			St	Stiff	3 - 7	St	Stiff	50 - 100 {8-15}
<div>GROUNDWATER SYMBOLS</div> <div>▼ = Water level (static)</div> <div>▽ = Water level (during drilling)</div> <div>► = Water Inflow (during drilling)</div>				<div>MOISTURE CONDITION</div> <div>D = Dry M = Moist W = Wet</div>				VSt	Very Stiff	7 - 12	VSt	Very Stiff	100 - 200 {15-30}
								H	Hard	>12/100mm	H	Hard	> 200 kPa {>30}



SOIL LOG

HOLE NO: **AHBV 41**

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RIG TYPE : Nissan Rig	CONTRACTOR : R. Battison	BUCKET WIDTH : 0.1m
DATE DRILLED : 9/5/11 to 9/5/11	LOGGED BY : LN	CHECKED BY : VP
STANDARD : AS1736		

DRILLING & WATER DETAIL	LAB DATA				SAMPLES & FIELD DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	C.O.C.	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE	CONSISTENCY/DENSITY	DCP (blows/100mm)	COMMENTS Field Test Data & Other Observations
	Moisture Content	Dry Density	% Fines	Atterberg Limits										
										SANDSTONE - very low strength and extremely weathered, orange brown grey, moist. (Recovered as a silty sand, fine to coarse sand, some low plasticity fines, dense). (continued)	M	D		
						64.6	4.0			SANDSTONE				
						4.20m				CLAY - sandy CLAY, medium plasticity, brown grey, fine to coarse sand, moist, hard.				
					4.20m D-DS 3									
						64.1	4.5							
						63.6	5.0				M	H		
						63.1	5.5							
						62.6	6.0			SANDSTONE - extremely low strength and extremely weathered, grey, moist. (Recovered as a silty sand, fine to coarse sand, some low plasticity fines, dense).	M	D		
						62.1	6.5			SANDSTONE				
										Terminated @ 6.6 m. No water encountered.				

DRILLING				SAMPLES & FIELD TESTS				DCP- N (Blows/100mm)		CONSISTENCY (Su) {N-value}			
HA	Hand Auger	HQ	HQ Coring	D	Small Disturbed Sample	SPT	SPT Sample	VS	Very Soft	0 - 1	VS	Very Soft	< 12 kPa {0-2}
AS	Auger	NQ	NQ Coring	ES	Env Soil Sample	U	Undisturbed Tube Sample	S	Soft	1 - 2	S	Soft	12 - 25 {2-4}
WB	Washbore	PQ	PQ Coring	EW	Env Water Sample	W	Water Sample	F	Firm	2 - 3	F	Firm	25 - 50 {4-8}
RR	Rock Rolling	NMLC	NMLC Coring	B	Bulk Disturbed Sample			St	Stiff	3 - 7	St	Stiff	50 - 100 {8-15}
GROUNDWATER SYMBOLS				MOISTURE CONDITION				VSt	Very Stiff	7 - 12	VSt	Very Stiff	100 - 200 {15-30}
▼ = Water level (static)				D = Dry M = Moist W = Wet				H	Hard	>12/100mm	H	Hard	> 200 kPa {>30}
▽ = Water level (during drilling)													
► = Water Inflow (during drilling)													